

SECRET

Director, PIC

3 March 1959

Special Assistant, PIC

Meeting with [REDACTED]

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1. On 12 February [REDACTED] met with [REDACTED]

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The subject under discussion was a new method for aerial surveillance. The proposal is based on the findings of [REDACTED] is now under way, and it is hoped that additional information will be forthcoming from this project. Basically, [REDACTED] proposal is for use in surveillance of the Arctic and Antarctic regions. The proposal is for the combined use of both side scanning and PPI radar. The two signals would be recorded as traces on a magnetic tape rather than be recorded photographically. This information would initially be correlated with all objects on the ground and fed into a data processing machine.

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2. At any later date when a surveillance flight was made, the radar information from the surveillance flight would be recorded in the same manner and when set into the data processing machine, the machine would then indicate by use of signal matching devices any changes that had occurred since the original tape had been cut. These changes could be correlated, the signals on the tapes could be read out in the form of a picture, and a determination could be made as to what had actually caused the change.

3. [REDACTED] further proposed that all of the earth's surface that could possibly be flown with such a surveillance equipment should be done as soon as possible and that this information could then be stored on magnetic tapes and used as the basis for registering any future changes when the need arose.

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Distribution:

Orig - Addressee

1 - [REDACTED]

1 - PIC files

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